

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	19375	(program\$1 or module\$1 or application\$1) near4 key\$1	USPAT	OR	OFF	2006/11/30 16:16
S4	2610	(program\$1 or module\$1 or application\$1) adj key\$1	USPAT	OR	OFF	2006/11/30 16:16
S5	0	(program\$1 or module\$1 or application\$1) adj key\$1 with (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4) with user adj key with (machine or equipment or device) adj key	USPAT	OR	OFF	2006/11/30 16:18
S6	232	(program\$1 or module\$1 or application\$1) adj key\$1 with (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4)	USPAT	OR	OFF	2006/11/30 16:19
S7	141	(program\$1 or module\$1 or application\$1) adj key\$1 near4 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4)	USPAT	OR	OFF	2006/11/30 16:19
S8	0	(program\$1 or module\$1 or application\$1) adj key\$1 near4 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4) with secure with (layers or level)	USPAT	OR	OFF	2006/11/30 17:01
S9	1	(program\$1 or module\$1 or application\$1) adj key\$1 near4 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4) with (layers or level)	USPAT	OR	OFF	2006/11/30 16:21
S10	108	(program\$1 or module\$1 or application\$1) adj key\$1 near2 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4)	USPAT	OR	OFF	2006/11/30 16:21
S11	1	(program\$1 or module\$1 or application\$1) adj key\$1 near2 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4) with (layer\$1 or level) with (decrypt\$4 or decipher\$4 or decod\$4 or descrambl\$4)	USPAT	OR	OFF	2006/11/30 16:22

EAST Search History

S12	162	("program key" or "application key" or "model key") with (encrypt\$4 or encipher\$4 or encod\$4 or scrambl\$4 or decrypt\$4 or decipher\$4 or decod\$4 or descrambl\$4)	USPAT	OR	OFF	2006/11/30 16:23
S13	264	("program key" or "application key" or "model key") same (encrypt\$4 or encipher\$4 or encod\$4 or scrambl\$4 or decrypt\$4 or decipher\$4 or decod\$4 or descrambl\$4)	USPAT	OR	OFF	2006/11/30 16:23
S14	93	("program key" or "application key" or "model key") near3 (encrypt\$4 or encipher\$4 or encod\$4 or scrambl\$4 or decrypt\$4 or decipher\$4 or decod\$4 or descrambl\$4)	USPAT	OR	OFF	2006/11/30 16:53
S15	82	S14 and @ad<"20010101"	USPAT	OR	OFF	2006/11/30 16:24
S16	0	(plurality or multiple) near10 (layer\$1 or level\$1) near10 (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4) with ("program key" or "application key" or "module key")	USPAT	OR	OFF	2006/11/30 16:48
S17	0	(plurality or multiple) with (layer\$1 or level\$1) with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4) with ("program key" or "application key" or "module key")	USPAT	OR	OFF	2006/11/30 16:53
S18	5	(layer\$1 or level\$1) with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4) with ("program key" or "application key" or "module key")	USPAT	OR	OFF	2006/11/30 16:52
S19	4	(plurality or multiple) with (layer\$1 or level\$1) with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4) with ("program key" or "application key" or "module key")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 16:53

EAST Search History

S20	2	(program\$1 or module\$1 or application\$1) adj key\$1 near4 (encrypt\$4 or encipher\$4 or encod\$4 or decrypt\$4 or decipher\$4 or decod\$4) with secure with (layers or level)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:02
S21	45	knauft.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:08
S22	150	program adj key.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:09
S23	238	(program adj key or application adj key).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:09
S24	125	S23 and @ad<"20010101"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:09
S25	11	S24 and (layers or level\$1) near10 (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:52
S26	213	705/54.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:53

EAST Search History

S27	0	S26 and (plurality or multiple) with (layer\$1 or level\$1) with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) with ("program key" or "application key")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:03
S28	956	705/57,71.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:58
S29	0	S28 and (plurality or multiple) with (layer\$1 or level\$1) with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) with ("program key" or "application key")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 17:58
S30	236	380/45.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:03
S31	0	S30 and (plurality or multiple) with (layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:07
S32	1	S30 and(layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:06
S33	1945	380/200-203,210-211,231-232. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:06

EAST Search History

S34	0	S33 and (plurality or multiple) with (layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:07
S35	3447	713/165,172,182,193.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:07
S36	0	S34 and (plurality or multiple) with (layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:08
S37	0	S34 and (layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/30 18:08



[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "a...)

Nothing Found

Your search for (multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key" or "device key" or "user key") and (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "a...)

Nothing Found

Your search for **(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key" and decryption** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key" and (encryption or decryption)



Nothing Found

Your search for **(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key" and (encryption or decryption)** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

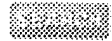
Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(plurality or multiple) with (layer\$1 or level\$1) with ("program



Nothing Found

Your search for (plurality or multiple) with (layer\$1 or level\$1) with ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(layer\$1 or level\$1) and ("program key" or "application key" o

Nothing Found

Your search for (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") with (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4)



Nothing Found

Your search for (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and (encrypt\$4 or decrypt\$4 or encipher\$4 or decipher\$4 or encod\$4 or decod\$4 or scrambl\$4 or unscrambl\$4) did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key"



Nothing Found

Your search for **(multiple or plurality) and (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key"** did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



[Subscribe](#) (Full Service) [Register](#) (Limited Service, Free) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

(layer\$1 or level\$1) and ("program key" or "application key" o

Nothing Found

Your search for (layer\$1 or level\$1) and ("program key" or "application key" or "execution key") and "user key" and "device key" did not return any results.

You may want to try an [Advanced Search](#) for additional options.

Please review the [Quick Tips](#) below or for more information see the [Search Tips](#).

Quick Tips

- Enter your search terms in lower case with a space between the terms.

sales offices

You can also enter a full question or concept in plain language.

Where are the sales offices?

- Capitalize proper nouns to search for specific people, places, or products.

John Colter, Netscape Navigator

- Enclose a phrase in double quotes to search for that exact phrase.

"museum of natural history" "museum of modern art"

- Narrow your searches by using a + if a search term must appear on a page.

museum +art

- Exclude pages by using a - if a search term must not appear on a page.

museum -Paris

Combine these techniques to create a specific search query. The better your description of the information you want, the more relevant your results will be.

museum +"natural history" dinosaur -Chicago

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)